

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alexander W. Hietala et al.  
Serial No. TBA  
Filed herewith  
For: **RECEIVER ARCHITECTURE ELIMINATING  
STATIC AND DYNAMIC DC OFFSET ERRORS**

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF EXPRESS MAILING  
I HEREBY CERTIFY THAT THIS DOCUMENT IS  
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AND IS ADDRESSED TO: MAIL STOP PATENT  
APPLICATION, COMMISSIONER FOR  
PATENTS, PO BOX 1450, ALEXANDRIA, VA  
22313-1450, ON AUGUST 20, 2003.

Kelly Farrow

Name of Depositor

Kelly

Signature

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant  
requests consideration of this Information Disclosure Statement.

The Applicant hereby makes of record in the above-identified application the information  
listed on the attached form PTO 1449 (modified). The order of presentation of the references  
should not be construed as an indication of the importance of the references.

It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other  
information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO 1449 be signed by the Examiner to evidence that the cited  
information has been fully considered by the Patent and Trademark Office during the  
examination of this application;
3. The citations for the information be printed on any patent which issues from this  
application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusions regarding the relevance of the cited information.

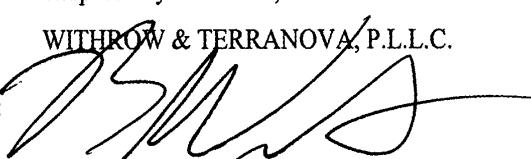
**The Director is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account No. 50-1732.**

An early and favorable action is hereby requested.

Respectfully submitted,

WITHROW & TERRANOVA, P.L.L.C.

By:



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Date: August 20, 2003  
Docket No. 2867-261

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 2867-261	SERIAL NO. TBA	
					APPLICANT Hietala et al.		
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT			FILING DATE 8/20/2003	GROUP TBA	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION
							YES
							NO
<b>OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)</b>							
	A	Shahrzad Tadjpour, Ellie Cijvat, Emad Hegazi, and Asad A. Abidi, "A 900-MHz Dual Conversion Low-IF GSM Reciver in 0.35- $\mu$ m CMOS," IEEE Journal of Solid-State Circuits, Vol. 36, No. 12, December 2001, pages 1992-2002					
	B	Shahrzad Tadjpour, Ellie Cijvat, Emad Hegazi, and Asad A. Abidi, "A 900-MHz Dual Conversion Low-IF GSM Reciver in 0.35- $\mu$ m CMOS," IEEE Solid-State Circuits Conference, Session 18 / 3G Wireless, Paper 18.5, February 7, 2001					
	C	Jan Crols and Michel S. J. Steyaert, "A Single-Chip 900 MHz CMOS Receiver Front-End with a High Performance Low-IF Topology," IEEE Journal of Solid-State Circuits, Vol. 30, No. 12, December 1995, pages 1483-1492					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							